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STATE OF NEW MEXICO

ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

Application of Manzano, LLC for Approval of a Pressure-Maintenance Project and Authorization to Inject, Lea County, New Mexico Case No. 22458

REPORTER'S-TRANSCRIPT-OF-PROCEEDINGS

THURSDAY, JANUARY 6, 2022

EXAMINER HEARING

This matter came on for hearing before the New Mexico Oil Conservation Division, William Brancard, Esq. Hearing Examiner, John Garcia, Dylan Rose-Coss and Philip Goetz, Technical Examiners, on Thursday, January 6, 2022, via Webex Virtual Conferencing Platform hosted by the New Mexico Energy, Minerals and Natural Resources Department

Reported by: Mary Therese Macfarlane New Mexico CCR #122 PAUL BACA COURT REPORTERS 500 Fourth Street NW, Suite 105 Albuquerque, New Mexico 87102 (505) 843-9241

Page 2 1 APPEARANCES 2 Dana S. Hardy, Esq. FOR MANZANO OPERATING: Hinkle Shanor, LLP 3 P.O. Box 2068 Santa Fe, NM 87504-2068 (505) 982-4544. 4 dhardy@hinklelawfirm.com 5 6 CONTENTS 7 CASE NO. 22458 PAGE CASE CALLED: 4 8 9 WITNESSES PREVIOUSLY QUALIFIED: 5 10 PRESENTATION BY MS. HARDY: 8, 13 11 INQUIRY BY EXAMINER GOETZ: 12 INQUIRY BY EXAMINER ROSE-COSS: 9 13 STATEMENT BY WITNESS WORRALL: 10 14 STATEMENT BY WITNESS HANAGAN: 11 15 TAKEN UNDER ADVISEMENT: 16 17 18 19 20 21 22 23 24 25

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Page 4 1 (Time noted 1:52 p.m.) 2 EXAMINER BRANCARD: Okay. I believe we have one 3 more item on today's agenda This is Case No. 22458. I believe this is 4 a continuation of a prior hearing, Manzano, LLC. 5 MS. HARDY: Good afternoon, Mr. Examiner. Dana б 7 Hardy with the sfo of hs on behalf of Manzano, LLC. 8 EXAMINER BRANCARD: Mr. Goetz, are you here for this case also? 9 EXAMINER GOETZ: You know I'm here to help my 10 fellow colleagues along. 11 12 EXAMINER BRANCARD: All right. I believe there 13 were a number of requests for information that the 14 Division had, including changing the size of the unit --15 is that what we called it? 16 And I can see that we've a number of 17 filings from Manzano. I don't know, Mr. Goetz. Do you want to start of with indicating whether you think they 18 19 have sufficiently provided the information that we requested? 20 EXAMINER GOETZ: Well, first of all on the 21 22 Notice issue, Ms. Hardy, did we go ahead and do -- I guess -- oh, Dylan is here. Let me do this. Let me defer 23 24 to Dylan and let him run through his list, since he was 25 present before, and I'll follow up, if I may.

Page 5 EXAMINER BRANCARD: All right. We have Dylan 1 2 Rose-Coss here. Mr. Rose-Coss? 3 MR. ROSE-COSS: Hi. Yes, I don't know if I have 4 anything. 5 Good afternoon, Mr. Brancard. Ms. Hardy, б it's nice to see you again. 7 I think what I am going to now is pass --EXAMINER BRANCARD: Mr. Rose-Coss, your video is 8 screwing up your band width, so perhaps... 9 MR. ROSE-COSS: I have no problem stopping it. 10 11 All right. Can you hear me now? 12 EXAMINER BRANCARD: We can hear you now. 13 MR. ROSE-COSS: I'll continue, then. 14 What I was going to say is I'll pass the 15 buck to you, Ms. Hardy, and allow you to explain what you 16 have done. 17 I see that -- we're actually not just continuing the case that we heard in December. 18 This matter has been entered as a new case number. So if you 19 go over really behind that, and what step -- how this 20 21 application is different from Case 22357 and what additional Notice is carried out. 22 23 MS. HARDY: Sure. I'd be happy to do that. 24 Thank you. 25 We refiled the application because the

Page 6 Division had asked us to include the entire spacing unit 1 2 for the Raq Mama well in our project area, so we refiled 3 the application to make that change in the public Notice 4 as well as in the application. So that's why we refiled. That's the only 5 б substantive change in the application. 7 With respect to our exhibits, basically our exhibits are the same as those we had provided in Case No. 8 22357. We did include the additional information that the 9 Division had asked us to provide in that case, and I can 10 run through what that information is, if you would like. 11 12 MR. ROSE-COSS: Yes. For the record. 13 MS. HARDY: Sure. I'd be happy to do that. 14 Let me just go through briefly what the 15 exhibits are. 16 Exhibit A is the affidavit of landman Mick 17 McClelland. He provides background on the project, C-108, and Notice information. 18 19 A plat that shows land ownership and the project area is provided as Exhibit 2. That is a new 20 21 exhibit that we had not provided previously. 22 We provided the Hearing Notice Letter and return receipts in Exhibit A-4 and the Notice of 23 Publication in Exhibit A-5. 24 25 We notified, in accordance with the

Page 7 Division's request and per the rules, all interested 1 2 parties within a half mile of the injection well. We did 3 also notify the BLM and State Land Office out of an 4 abundance of caution, although they don't own minerals within the radius. 5 We provided the exhibits of geologist John 6 7 Worrall as Exhibit B. He discusses the geology issues. 8 He provides as Exhibit B-1 an injection model for the Vince well, and that was information that the Division had 9 requested. And I believe we had submitted it after the 10 hearing in the last case, but since we had to refile the 11 12 application we went ahead and included it as a supplemental exhibit here. 13 14 Exhibit C is the affidavit of Operations 15 Manager Mike Hanagan. He discusses the operations and 16 engineering matters that relate to the application. His exhibits include a Production Decline Curve which we had 17 provided previously, and he also provided an H2S 18 Contingency Plan as Exhibit C-2, and that is another new 19 exhibit that the Division had requested after the last 20 21 hearing. 22 So that's what we've done here. And I would ask the Division to take administrative notice of 23 24 the testimony that was provided at the hearing in Case 25 No. 22357. I think the witness answered a lot of the

questions the Division had at that time, but I do have him
available here also if there are further questions.

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3 MR. ROSE-COSS: Thank you, Ms. Hardy. That 4 clears up -- I think that clears up the record in terms of 5 changes between 22357 and this Case 22458. It sounds like from my memory and reviewing of case notes from last time 6 7 that you addressed the concerns that we had in that December hearing, and therefore I haven't come up with 8 additional questions in the interim. I mean, for the -- I 9 guess to be clear, though, the Noticed parties are the 10 same Noticed parties as from before, but they were 11 12 notified that the project area was changing and now you 13 have additionally Noticed the State Land Office and BLM. 14 MS. HARDY: That's correct.

15 MR. ROSE-COSS: Okay. Perfect. And I suppose 16 I need to pass it to Mr. Brancard or Marlene about how the 17 cases get linked in the record, or how the testimony from 18 the last case gets brought into this case, and then pass the microphone to Mr. Goetz for any additional -- and Mr. 19 Garcia for any additional questions they might have. 20 21 EXAMINER GARCIA: I have no questions. 22 EXAMINER BRANCARD: Mr. Goetz? 23 EXAMINER GOETZ: Well, the only comments I will 24 make is thank you for providing the additional

25 information. Because this is kind of a new phase in what

Page 9 we're doing with regards to dealing with gas, especially 1 2 in light of the new methane rule, there is a good 3 likelihood we'll put a time on this, and we would like to be able to have some information compiled. And so we 4 would consider this a pilot project that you could come 5 back within three to five years with information in order б 7 that we establish this as a permanent operation. 8 So that is my comment on the situation especially in light of, again, current trends and that we 9 may see more of these. 10 11 So that's all I have. 12 MR. ROSE-COSS: Sorry, Mr. Brancard. I guess 13 I'll piggyback on Mr. Goetz now. 14 To the witnesses we have present, is there 15 any estimate, you know taking like -- okay. So if this is 16 going to be a project, pilot project then you'll need to report back in a certain amount of time, is there any 17 estimate of how long it would take to get the project 18 operational and any estimates on how long would be a 19 reasonable amount of time to expect to see any results? 20 21 Like, in a year's time would we have -what would we expect to see, and in three years time? 22 23 What sort of results would we have presented to us. 24 MS. HARDY Mr. Worrall, I think you-all are 25 muted.

Page 10 EXAMINER BRANCARD: Ms. Hardy, do you have your 1 2 witnesses who can answer these questions? 3 MS. HARDY I believe I do. 4 EXAMINER BRANCARD: So perhaps you can indicate who they are and I can swear them in, because we are 5 б actually on a new case number here. 7 MS. HARDY: I believe Mr. Worrall is present --MR. WORRALL: Yes. 8 MS. HARDY: -- and could be sworn in. 9 10 JOHN WORRALL. having been duly sworn, testified as follows: 11 12 EXAMINER BRANCARD: Thank you. 13 MR. WORRALL: Do you want me to go ahead and 14 answer those questions? 15 MS. HARDY: Yes, please, Mr. Worrall. 16 MR. WORRALL: Yes, I believe that we are ready 17 to put a compressor out on location. So to answer your 18 question as to how fast we could enact this, I would imagine it to be 30 days. There's a little bit of work to 19 be done to lay a line to the well, to the injection well 20 21 from our battery. 22 Other than that, as far as seeing results, I do believe you will see some results within a year, and 23 24 of course we will know how the injection goes in a very 25 short amount of time.

Page 11 MS. ROSE-COSS: Okay. Perfect. 1 2 Well, I can't endeavor to say I'll have an 3 Order on this matter within 30 days, but that's good to 4 have for the record, and both those answers satisfy the questions I had. So thank you. 5 And nothing further from me, Mr. Brancard. 6 7 I can see (inaudible) Mr. Worrall. EXAMINER BRANCARD: Okay. So, Ms. Hardy, we will, as 8 you requested, take Notice of the records in the 9 proceedings in Case 22357, and they will be available for 10 use in Case 22458. 11 12 MS. HARDY: Thank you. 13 MR. HANAGAN: Dylan, this is Mike. Do I need to 14 be sworn in? I just have one comment. 15 MR. BRANCARD: Sure. 16 MR. HANAGAN: The name is Mike Hanagan, 17 H-a-n-a-g-a-n. 18 MIKE HANAGAN, having been duly sworn, testified as follows: 19 EXAMINER BRANCARD: Thank you. Please proceed. 20 21 MR. HANAGAN: This well and the associated wells 22 going into it are currently under an Agreed Compliance Order that expires next week, January 9th, I believe it 23 24 is, so we're going to have to shut these wells in until we 25 can get either the -- we've applied for an extension to

Page 12 that Agreed Compliance Order before but we have not heard 1 2 back from the Division yet. 3 So just requesting this gets as great a 4 priority as we can so we can get these going. 5 MS. ROSS: I understand. Okay. Thank you. So that's good to add to the record, and I suppose to have б 7 written into or addressed in any Agreed Compliance Order or conversation that you do have with the other part of 8 the Division. 9 10 MR. HANAGAN: Okay. That's all I had. 11 EXAMINER BRANCARD: Thank you. 12 Then, Ms. Hardy, any other evidence to 13 submit, or perhaps you would like to sum up for the record 14 here today. 15 MS. HARDY: Sure. 16 So I would ask in this case our exhibits be 17 admitted into the record, because I don't believe I did 18 that. 19 EXAMINER BRANCARD: All right. So admitted. MS. HARDY: And I was going to mention a request 20 21 for an expedited Order, but I think Mr. Hanagan has taken care of that. 22 23 So with that I would ask that the case be 24 taken under advisement. 25 EXAMINER BRANCARD: Any other comments, Mr.

Page 13 Goetz or Mr. Rose-Coss? 1 2 EXAMINER GOETZ: Just one quick one. 3 Who are you working with at the ACOI? Was 4 there an individual, or were you working with Ms. Hardy, or were you working directly with, like, the Division? 5 MR. WORRALL: That's directly with the Division. б 7 I sent that letter in to the Director, and copied -- I can't remember the three people I copied, Nick may 8 remember, but it was sent on, I believe one month ago, 9 December 6th. 10 MR. GOETZ: Could you send us a copy to -- I 11 12 guess who will be the victim? Either me or Dylan. 13 MR. ROSE-COSS: The engineer is probably the 14 best spot. (Note: Multiple voices.) 15 MR. HANAGAN: We sent it Brandon Powell and 16 Tiffany Polack. 17 MR. GOETZ: Unfortunately you sent it to the top of the tree. 18 19 UNIDENTIFIED VOICE: Nick, do you want to take care of getting that? 20 MR. GOETZ: Sometimes it's just an ornament. 21 22 Okay. Thank you. 23 EXAMINER BRANCARD: All right. Thank you. 24 So I think you summed up, then, Ms. Hardy. 25 I think you did, yes.

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1	All right. So we will take Case 22458
2	under advisement and it will be consolidated with Case
3	22357, and hopefully we will have a resolution quickly for
4	you.
5	MS. HARDY: Thank you very much. We appreciate
6	your time.
7	EXAMINER BRANCARD: Thank you.
8	MR. WORRALL: Thank you.
9	MR. HANAGAN: Thank you.
10	EXAMINER BRANCARD: And with that, are there any
11	other matters to come before the Division?
12	I don't want to hear it.
13	Thank you, everyone. Have a good day.
14	MS. HARDY: Thank you.
15	(Time Noted 2:07 p.m.)
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	Page 15
1	STATE OF NEW MEXICO)
2	: ss
3	COUNTY OF TAOS)
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5	REPORTER'S CERTIFICATE
6	I, MARY THERESE MACFARLANE, New Mexico Reporter
7	CCR No. 122, DO HEREBY CERTIFY that on Thursday,
8	January 6, 2022, the proceedings in the above-captioned
9	matter were taken; that I did report in stenographic
10	shorthand the proceedings set forth herein, and the
11	foregoing pages are a true and correct transcription to
12	the best of my ability and control.
13	I FURTHER CERTIFY that I am neither employed by
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15	rules) any of the parties or attorneys in this case, and
16	that I have no interest whatsoever in the final
17	disposition of this case in any court.
18	/s/ Mary Macfarlane
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